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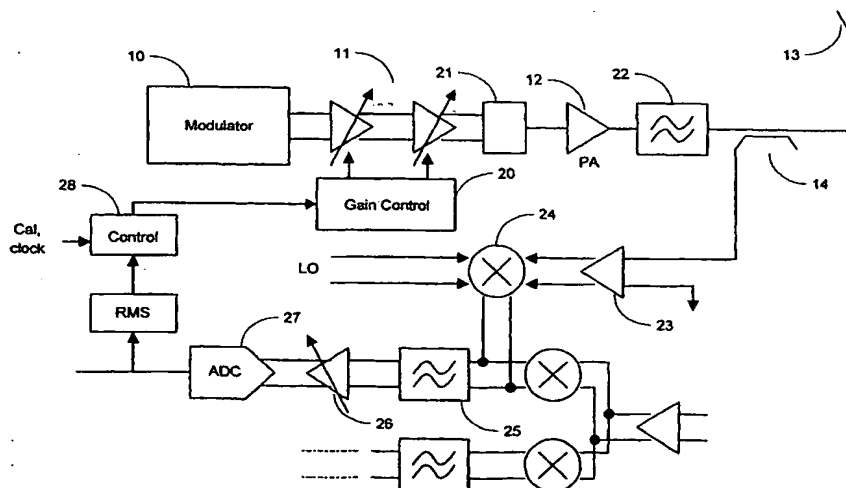
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(54) Title: RADIO TRANSMITTER WITH ACCURATE POWER CONTROL



(57) Abstract: A radio transmission power control circuit includes a radio frequency (rf) downconverter that produces a downcon-
verter output representative of the difference between a first downconverter input based on a transmitted signal of a radio transmitter
and a second downconverter input based on a local oscillator signal. A receiver baseband circuit processes the downconverter output
to produce an analog power signal representative of the transmitted signal. A digital to analog converter converts the analog power
signal to a representative digital power signal. A feedback control circuit produces a transmitter gain control signal to control trans-
mitted signal power so as to minimize the difference between the digital power signal and a power reference signal.

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A. CLASSIFICATION OF SUBJECT MATTER
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Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/29047 A (QUALCOMM INC) 10 June 1999 (1999-06-10) page 7, line 20 - line 30 page 11, line 14 - line 35; figures 2,15	1,7
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